

Surface Mount Fluorescent **6" Cloud**

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Belmont 6" Cloud, 24", 36 or 48" Lengths
2 Lamp T8

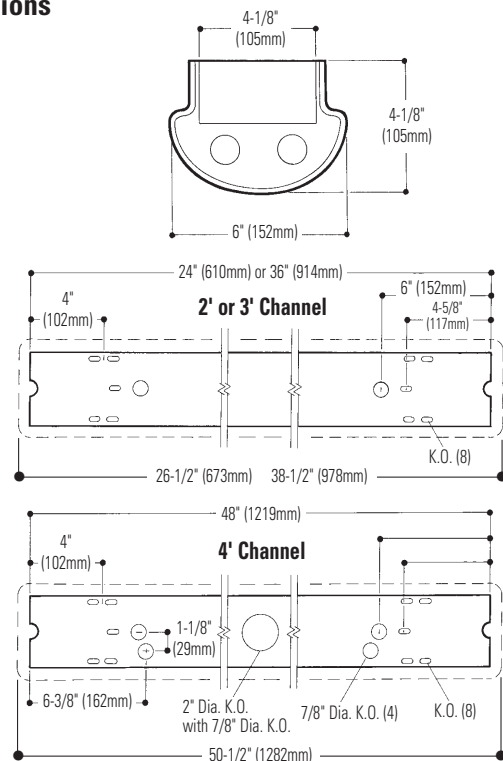
- 6" white opal acrylic lens (vacuum formed).
- Can be horizontally or vertically wall mounted.
- Can be ceiling mounted.
- Efficiency 69.0%.
- Lens secured to body with screws at ends..
- Quarter turn latch secures channel cover for easy wireway access.
- Heavy duty channel of code gauge die formed steel.
- Fully enclosed wiring.
- UL Listed snap-on end caps (body).
- Green grounding screw installed in channel.



Features



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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Chassis

Model No. SW4S232HPFUNVHI
with shielding BCW6X48

LER = FP - 69.0 IW - 29.6 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$3.87

Report Number: 19743
Lamp: F32T8
Luminaire: Belmont 6" Cloud, 24", 36" or
48" Lengths, 2 Lamp T8
Ballast: Electronic
Report is based on 2850 Lumens per lamp.
Efficiency: 69.0%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.2

CANDLEPOWER

Angle	End	45.0	Cross
0	708	708	708
5	702	707	707
15	688	693	698
25	624	649	673
35	551	595	639
45	457	535	599
55	349	472	560
65	221	402	511
75	108	339	453
85	20	280	403
95	19	246	364
105	49	226	330
115	79	212	306
125	108	186	261
135	128	167	226
145	138	147	186
155	152	123	152
165	162	108	143
175	167	162	157

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

PCC	80	70	50	30	10
RCR	70	50	30	10	5
1	68	64	60	57	54
2	60	55	50	46	41
3	56	47	41	35	30
4	51	41	35	28	23
5	46	36	30	23	19
6	42	33	27	20	17
7	39	29	23	17	14
8	36	27	20	15	12
9	34	25	19	13	10
10	32	23	17	11	9

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE CROSS
45	3092.	2648.	2737.
55	2832.	2537.	2725.
65	2329.	2446.	2748.
75	1696.	2461.	2818.
85	655.	2619.	3085.

LIGHT DISTRIBUTION

ZONE	LUMENS	% LAMP	% FIXT
0- 30	562	9.9	14.3
0- 40	936	16.4	23.8
0- 60	1764	31.0	44.9
0- 90	2762	48.5	70.3
90-180	1169	20.5	29.7
0-180	3931	69.0	100.0

Ordering Information

NOTE: Chassis and shielding are packed in separate cartons. When ordering, enter as separate line items.

Length	Shielding	Chassis	Lamp	Ballast	20THD	10THD
2'	BCW6X24	SW2S217HPFUNVHI	2-T8	2 Lamp Elec. T8	—	HI
3'	BCW6X36	SW3S225HPFUNVHI	2-T8	2 Lamp Elec. T8	—	HI
4'	BCW6X48	SW4S232HPFUNVHI	2-T8	2 Lamp Elec. T8	—	HI

NOTE: Chassis and shielding shown are stock items. For other ballast options see Folio H110-42.

NOTE: UNV =120-277.

Specifications

Materials: Chassis parts are die-formed heavy gauge cold rolled steel, 4-1/8" channel width.

Ballast Cover: Code gauge steel secured with quarter turn latch.

Lens: 6" white opal acrylic lens (vacuum formed).

Finish: Chassis exterior—phosphate undercoating, baked white polyester enamel.

Electrical: Thermally protected class "P" ballast, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W./UL and ULc Listed.

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